

# PUBLIC NOTICE

**PERMIT APPLICATION:** NRS07.327

**APPLICANT:** City of Columbia  
Wastewater Treatment System  
1244 Treatment Plant Road  
Columbia, TN 38401  
931-388-2419

**LOCATION:** Greenlick Creek 35.6503°N, 87.1219 in Columbia, Maury County;  
Gin Branch, USGS Godwin (TN) Topo Map

**WATERSHED DESCRIPTION:** The portion of Greenlick Creek in the project area lies between Hicks Lane and State Highway 50. The segment includes approximately 8,000 L.F. of stream; about 100 L.F. of stream would be directly impacted. The stream depth ranges from 6 inches in some areas to three feet in others and the average top of bank width is approximately 40 feet. The wetted width varies from 10 feet during low flows to the total bank width during storm events. The creek is bordered mostly by pasture land and some residential development. There is an approximate 10 to 20 foot wide border of trees along each side of the creek that transitions into pasture land. The creek substrate is bedrock in some areas and gravel atop bedrock in others.

TN06040003024\_0200 Fish and Aquatic Life (Supporting), Recreation (Supporting), Irrigation (Supporting), Livestock Watering and Wildlife (Supporting)

**PROJECT DESCRIPTION:** The project is to replace the existing outdated Greenlick Sewage Pumping Station which was originally constructed in 1978, and to increase the service area of the sewer system in the process. The applicant reports that the existing station is in need of capacity increase to handle immediate future flows. There applicant reports that there are no practicable alternatives to this project.

Excavation along the 30-inch gravity sewer will be accomplished using conventional excavating equipment for soil and using a trencher for rock. No blasting methods will be used on the 30-inch gravity sewer or any creek crossings. Blasting methods are proposed to be used on the 16-inch sewage force main and the 10-inch gravity sewer that crosses Andrew Jackson Highway – see attached map. TDOT No. 57 crushed stone is proposed to be used under the bottom half of the 30-inch gravity sewer and native material will be used for the remainder of the ditch backfill. In the creek crossings the 30-inch gravity sewer will be encased in concrete from manhole to manhole. A crushed stone envelope is proposed to be used on the separate 10-inch gravity sewer in all places and on the 16-inch force-main in areas that rock is encountered.

Clearing will be limited to the trees parallel to the creek at each crossing since the majority of the gravity sewer alignment is located in open pasture land. The estimated amount of clearing is less than one acre. Grading will likely be required along a 40 foot wide strip the entire length of the gravity sewer pipeline resulting in a grading acreage of approximately 8 acres

In accordance with the Tennessee Antidegradation Statement (Rule 1200-4-3-.06), the division has determined that the proposed activity will not result in degradation to water quality.

This notice may be viewed on the internet at:  
<http://www.state.tn.us/environment/wpc/ppo/arap>.

**PERMIT COORDINATOR:** Robert Baker

No decision has been made whether to issue or deny this permit. The purpose of this notice is to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. Persons wishing to comment on the proposal are invited to submit written comments to the department. Written comments must be received within **thirty days of the date that this notice is posted**. Comments will become part of the record and will be considered in the final decision. The applicant's name and permit number should be referenced.

Interested persons may also request in writing that the department hold a public hearing on this application. The request must be filed within the comment period, indicate the interest of the person requesting it, the reasons that the hearing is warranted, and the water quality issues being raised. When there is sufficient public interest in water quality issues, the department will hold a public hearing.

The permit application, supporting documentation including detailed plans and maps, and related comments are available at the department's address for review and/or copying. The department's address is:

Tennessee Department of Environment & Conservation  
Division of Water Pollution Control, Natural Resources Section  
7th Floor L & C Annex  
401 Church Street  
Nashville, TN 37243

In deciding whether to issue or deny a permit, the department will consider all comments of record and the requirements of applicable federal and state laws. In making this decision, a determination will be made regarding the lost value of the resource compared to the value of any proposed mitigation. The department shall consider practicable alternatives to the alteration. The department shall also consider loss of waters or habitat, diminishment in biological diversity, cumulative or secondary impacts to the water resource, and adverse impact to unique, high quality, or impaired waters.

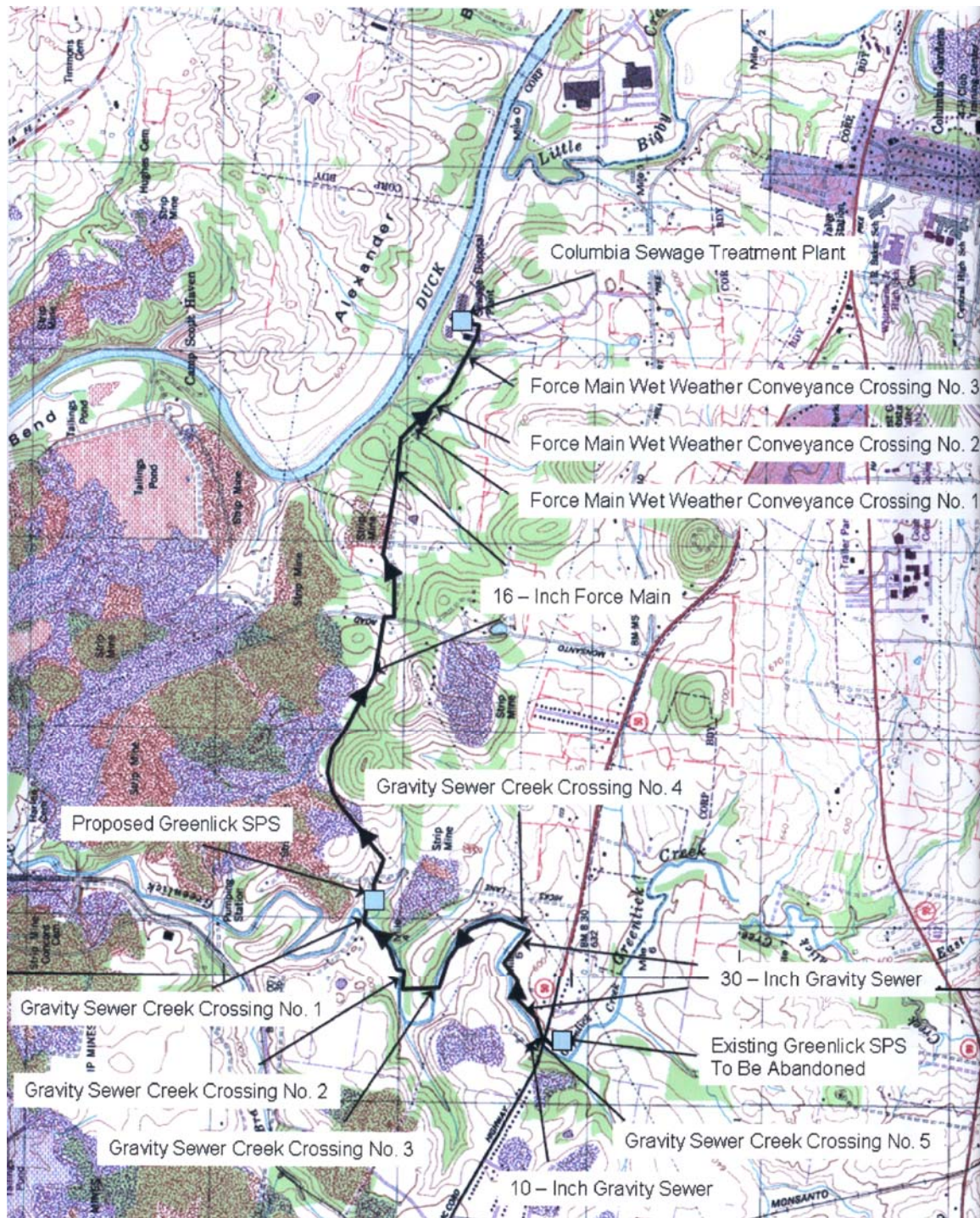


Figure 1





Gravity Sewer Creek Crossing No. 1 - Facing downstream



Gravity Sewer Creek Crossing No. 1 - Facing east



Gravity Sewer Creek Crossing No. 2 - Facing downstream



Gravity Sewer Creek Crossing No. 2 - Facing north





Gravity Sewer Creek Crossing No. 3 - Facing upstream



Gravity Sewer Creek Crossing No. 3 - Facing north



Gravity Sewer Creek Crossing No. 4 - Facing downstream



Gravity Sewer Creek Crossing No. 4 - Facing northeast





Gravity Sewer Creek Crossing No. 5 - Facing downstream



Gravity Sewer Creek Crossing No. 5 - Facing northwest